

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1-57. (Canceled)

58. (Currently Amended) **[[A]] An isolated** peptide which sensitizes cells for apoptosis comprising:

- (a) the amino acid sequence of SEQ ID NO: 127; or
- (b) an amino acid sequence at least 90% identical to SEQ ID NO: 127 and which is capable of binding to livin- $\beta$ .

59. (Previously Presented) A composition comprising the peptide of claim 58 linked to a carrier which mediates the uptake of the peptide into a cell.

60. (Previously Presented) A method of sensitizing a livin- $\beta$ -expressing cell for apoptosis, comprising administering to a livin- $\beta$ -expressing cell the peptide of claim 58, optionally in combination with an intercalating agent, wherein said peptide binds to livin- $\beta$  in said cell, and wherein said binding of peptide to livin- $\beta$  sensitizes said cell for apoptosis.

61. (Previously Presented) The method of claim 60, wherein said cell is a cancer cell.

62. (Previously Presented) The method of claim 61, wherein said cancer cell is a melanoma cell.

63. (Canceled)

64. (Previously Presented) A diagnostic kit for the detection of livin- $\beta$  in cancer cells, comprising the peptide of claim 58 and a buffer.